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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/700,328	11/03/2003	Ling Chen	005190 CPI/COPPER	5144
44257	7590	10/29/2008	EXAMINER	
PATTERSON & SHERIDAN, LLP - - APPM/TX			CHEN, KEATH T	
3040 POST OAK BOULEVARD, SUITE 1500			ART UNIT	PAPER NUMBER
HOUSTON, TX 77056			1792	
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			10/29/2008	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**DETAILED ACTION**

1. The proposed After Final amendment, filed on 10/15/2008 is entered.

***Response to Arguments***

Applicants' arguments filed 10/15/2008 have been fully considered but they are not persuasive.

2. In regarding to 35 USC 112 first paragraph rejection of previous claim 20, filed on (05/23/2008), Applicants' argument is persuasive and the 35 USC 112 first paragraph rejection is withdrawn.
3. In regarding to 35 USC 103(a) rejection of claim 20 based on Iseki '371, Gomi '325, further in view of Yoshioka '487, Applicants' argument is that replacing the vaporizer #10 of '371 with the vaporizer in Fig. 13 of '487 would not include a precursor monitoring apparatus ... wherein the gas analyzer comprises an ultrasonic transducer and a mass flow meter, see the last two paragraphs of page 6.

This argument is found not persuasive.

The ultrasonic transducer from '487 would have been "between the process chamber and the vessel" (inclusive of vessel). The gas analyzer, being between the process chamber and the vessel, would have the mass flow meter and the ultrasonic transducer. The ultrasonic transducer is part of gas analyzer because it delivers concentration of liquid mixture accurately (page 11 of the final office action, 06/18/2008), therefore aids the gas analyzer's operation.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Keath T. Chen whose telephone number is 571-270-1870. The examiner can normally be reached on M-F, 8:30-5:00 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Cleveland can be reached on 571-272-1418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/K. T. C./  
Examiner, Art Unit 1792  
/Ram N Kackar/

Primary Examiner, Art Unit 1792